

What Is Claimed Is:

1. A device for triggering personal protection means in a vehicle, wherein an inertial sensor system (10) is provided in a first location (13) in a vehicle (20), a processor ( $\mu$ C) for evaluating a signal of the inertial sensor system (10) is provided in a second location (14) in the vehicle (10), and a firing circuit control (FLIC), which is triggered as a function of a second signal of the processor ( $\mu$ C), is provided in a third location (15) in the vehicle.
2. The device as recited in Claim 1, wherein the first location (13) is the vehicle tunnel or the B-pillars.
3. The device as recited in Claim 1 or 2, wherein the second and/or the third location (14, 15) is a trunk or the dashboard or under or in a vehicle seat or the vehicle roof or the engine compartment.
4. The device as recited in one of the preceding claims, wherein the processor ( $\mu$ C) is a central computer for the vehicle (20).
5. The device as recited in one of the preceding claims, wherein the inertial sensor system (10) has a sensor signal pre-evaluation.
6. The device as recited in Claim 1, wherein the inertial sensor system (10) is connected to the processor ( $\mu$ C) and to the firing circuit control (FLIC) in each case via a BUS system.
7. The device as recited in one of the preceding claims, wherein the processor ( $\mu$ C) is situated on a plug-in module.